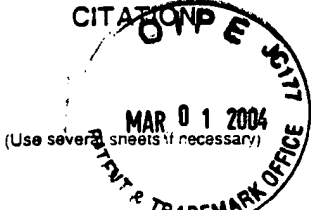


<b>INFORMATION DISCLOSURE</b> CITATION  (Use several sheets if necessary)	ATTY. DOCKET NO. 36-1298 APPLICANT POWERS et al FILING DATE November 24, 1998	SERIAL NO. 09/194.317 GROUP 2756	<b>RECEIVED</b>  MAR 02 2004  Technology Center 2100
---	--	---	--

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
WO 97 23845A	7/97	WIPO				
0753836 A2	1/97	European				
WO 97/40461	10/97	WIPO				
0696018 A2	2/96	European				

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)**

	Singh et al, "NETWORKED VIRTUAL WORLDS" PROCEEDINGS COMPUTER ANIMATION, April 19, 1995, pages 44-49, XP000195798
	Wang et al, "EM - AN ENVIRONMENT MANAGER FOR BUILDING NEWORKED VIRTUAL ENVIRONMENTS" PROCEEDINGS OF THE VIRTUAL REALITY ANNUAL INTERNATIONAL SYMPOSIUM, RESEARCH TRIANGLE PARK, March 11-15, 1995, pages 11-18, XP000574850, INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
	Meyer et al, "REGION-BASED TRACKING USING AFFINE MOTION MODELS IN LONG IMAGE SEQUENCES" CVGIP IMAGE UNDERSTANDING, Vol. 60, No. 2, 1 September 1994, pgs. 119-140, XP000484198
	Macedonia et al, "NPSNET: A MULTI-PLAYER 3D VIRTUAL ENVIRONMENT OVER THE INTERNET" PROCEEDINGS OF THE SYMPOSIUM ON INTERACTIVE 3D GRAPHICS, MONTEREY, April 9-12, 1995, pgs. 93-94, XP000546195
	Funkhouser, "RING: A CLIENT-SERVER SYSTEM FOR MULTI-USER VIRTUAL ENVIRONMENTS" PROCEEDINGS OF THE SYMPOSIUM ON INTERACTIVE 3D GRAPHICS, MONTEREY, April 9-12, 1995, pages 85-92, XP000546194
	Benford et al, "VISUALISING AND POPULATING THE WEB: COLLABORATIVE VIRTUAL ENVIRONMENTS FOR BROWSING, SEARCHING AND INHABITING WEBSpace" JENC 8, 8 <sup>TH</sup> JOINT EUROPEAN NETWORKING CONFERENCE, EDINBURGH, UK, May 12-15, 1997, Vol. I 29, No. 15, pgs. 1751-1761, XP004099477

*Examiner	Date Considered	
-----------	-----------------	--

**Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

INFORMATION DISCLOSURE  
CITATION

PATENT DOCKET NO.

SERIAL NO.

36-1298

09/194.317

APPLICANT

**RECEIVED**

POWERS et al

FILING DATE

GRUP

MAR 02 2004

November 24, 1998

2756

Technology Center 2100

## U.S. PATENT DOCUMENTS

EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

	Macedonia, et al, "NPSNET: A NETWORK SOFTWARE ARCHITECTURE FOR LARGE SCALE VIRTUAL ENVIRONMENTS". Presence, Vol. 3, No. 4 (Fall 1994)
	Greenhalgh et al, "MASSIVE: A VIRTUAL REALITY SYSTEM FOR TELECONFERENCING", ACM TRANSACTIONS ON COMPUTER-HUMAN INTERFACES, 1995
	Macedonia, "A NETWORK SOFTWARE ARCHITECTURE FOR LARGE SCALE VIRTUAL ENVIRONMENTS". PhD Thesis, Naval Postgraduate School, Monterey, California, 1995
	Bartle, "INTERACTIVE MULTI-USER COMPUTER GAMES", <a href="ftp://ftp.parc.xerox.com/MCO/papers/mudreport.txt">ftp://ftp.parc.xerox.com/MCO/papers/mudreport.txt</a> , (December 1990)
	Honda et al, "TECHNICAL ISSUES IN THE DESIGN OF A SCALABLE SHARED VIRTUAL WORLD", Sony Computer Science Lab, Tokyo, Japan
	Morningstarr, et al, "THE LESSONS OF LUCASFILM'S HABITAT", Cyberspace: First Steps, 1990, MIT Press, Cambridge, Mass.
	Benford, et al, "A SPATIAL MODEL OF INTERACTION IN LARGE SCALE VIRTUAL ENVIRONMENTS", proc. 3 <sup>rd</sup> European Conference on CSCW (ECSCW'93), Milano, Italy, 1993, Kluwer
	Barrus et al, "EFFICIENT AND PRECISE SUPPORT FOR LARGE SCALE MULTI-USE VIRTUAL ENVIRONMENTS", IEEE Virtual Reality Annual Int. Symp (VRAIS), March 1996
	Macedonia et al, "NPSNET: A NETWORK SOFTWARE ARCHITECTURE FOR LARGE SCALE VIRTUAL ENVIRONMENTS" Presence, Vol. 3, No. 4, Fall 1994
	Roehl, "THE TECHNOLOGY BEHIND DISTRIBUTED VR SYSTEMS", University of Waterloo, Toronto, 1996?
	Morse, "INTEREST MANAGEMENT IN LARGE-SCALE DISTRIBUTED SIMULATIONS", Department of Information & Company Science, University of California, Irvine, 1996?
	Barrus et al, "LOCALES AND BEACONS" EFFICIENT AND PRECISE SUPPORT FOR LARGE MULTI-USER VIRTUAL ENVIRONMENTS", Mitsubishi Electric Research Laboratories, 1995
	Anderson et al, "BUILDING MULTI-USER INTERACTIVE MULTIMEDIA ENVIRONMENTS AT MERL", Mitsubishi Electric Research Laboratories, 1995
	Brutzman et al, "INTERNETWORK INFRASTRUCTURE REQUIREMENTS FOR VIRTUAL ENVIRONMENTS", Computer Science Department, Naval Postgraduate School, Monterey, California
	Macedonia, "A NETWORK SOFTWARE ARCHITECTURE FOR LARGE-SCALE VIRTUAL ENVIRONMENTS", PhD Thesis, Naval Postgraduate School, Monterey, California, June 1995

\*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 509; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)